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TECHNOLOGY GROUP

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Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

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so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Tyco Electronics / Corcom 10EP3* at our website: ***Click HERE***

10EP3

SAFETY ORGANIZATION(S):

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED	UL 1283
CSA CERTIFIED	CSA 22.2, NO.0,0.4,8
VDE APPROVED	VDE 565-3
SEV APPROVED	SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT: 10 AMP, 120/250 VAC
8 AMP./40°C, 250 VAC

LINE FREQUENCY: 50-60Hz
MAX. CASE RISE @ RATED CURRENT: 40°C
MAX. LEAKAGE CURRENT, EACH: .25 mA AT 120V 60Hz
LINE TO GROUND: .4 mA at 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r\sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 14.26 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25VAC MAX., 25°C±1°C)
LINE TO GROUND: .0056µF ±20%
LINE TO LINE: .811µF ±20%
DISCHARGE RESISTOR: 330KΩ

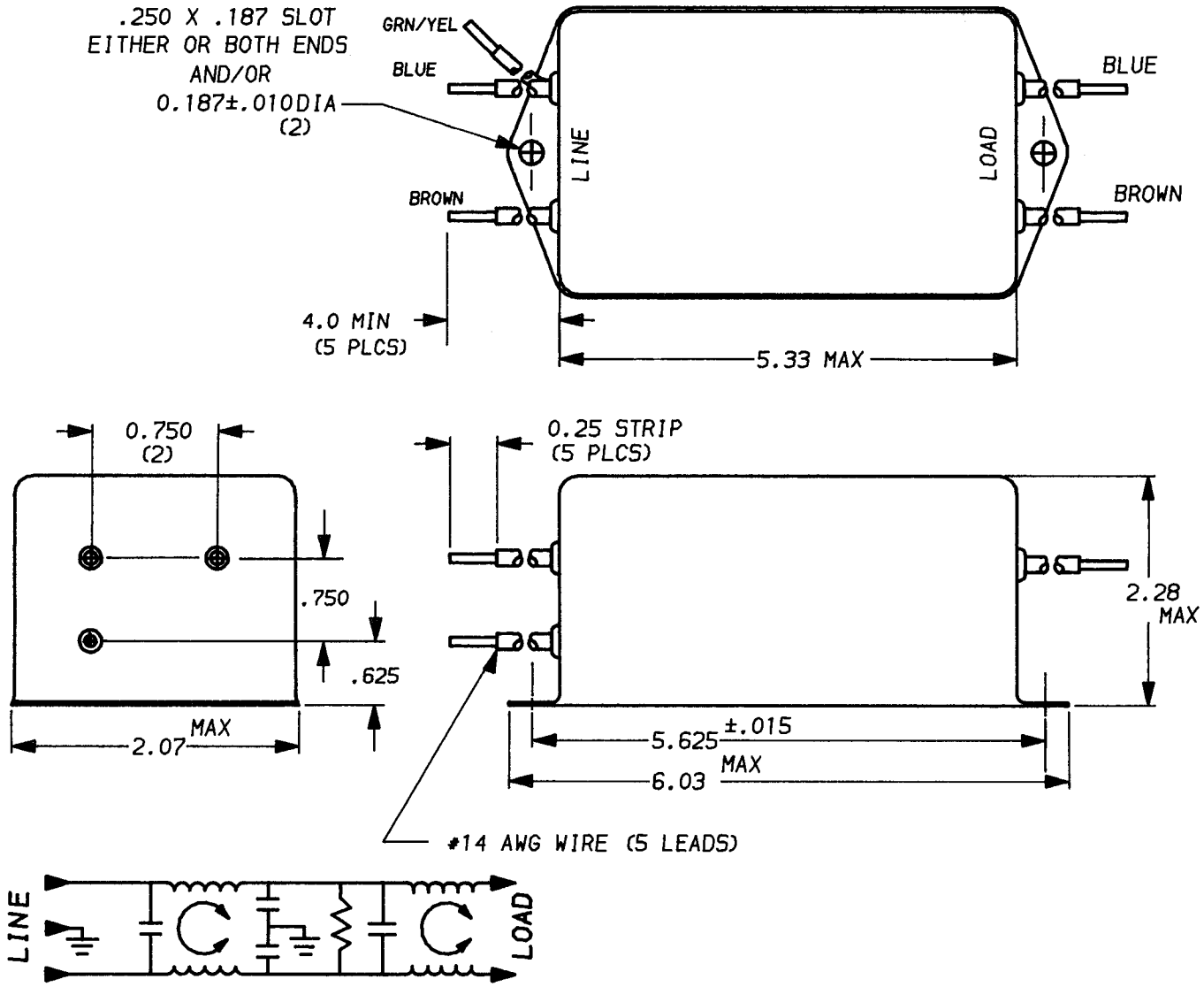
LINE/GROUND AND LINE/LINE INSULATION RESISTNCE:
6000MΩ (MIN) AT 100VDC, 20°C AND 50% RH.

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.04	.05	.06	.15	.5	5.0	10	20	30	/	/
COMMON dB	1	1	10	18	58	65	65	60	38	25	/	/
DIFF. dB	1	2	3	3	30	65	65	65	35	35	/	/

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED

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ECN #11137

CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 12-13-94
APPRVD.
CATALOG NO. 10EP3.06
CAD NO. 10EP3.06

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We buy equipment

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